



Patent
Attorney Docket No. 034123-096

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Patent Application of:
Mohanmed Zaiou et al.**

) Group Art Unit: 1653

Application No.: 10/815,562

Examiner:

Filing Date: March 31, 2004

Confirmation No.: 5767

Title: THERAPY FOR MICROBIAL INFECTIONS

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) By: Kim A. Cabello
)) Kim A. Cabello

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P.O. Box 1450
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Sir:

Transmitted herewith for filing are the following:

1. First Information Disclosure Statement;
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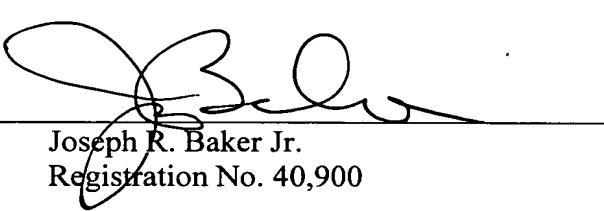
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Respectfully Submitted,

BURNS DOANE SWECKER & MATHIS, L.L.P.

By: 

Joseph R. Baker Jr.
Registration No. 40,900

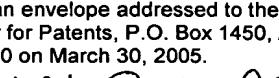
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Date: March 30, 2005



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
U.S. Patent and Trademark Office
March 31, 2004
Filing or Assignment
Serial No. 10/815,562
Attorney Docket No. 100-000000-0000
For: THERAPY FOR MICROBIAL
INFECTIONS
Inventor(s): Mohamed Zaiou et al.
Filed: March 31, 2004
Examiner: Group Art Unit: 1653
Confirmation No.: 5767
By: _____
Signature: 
Kim A. Cabello

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents and U.S. patent application publications are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

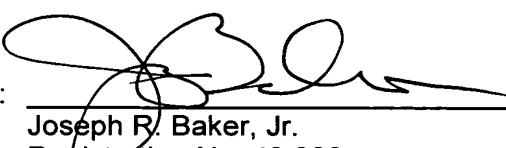
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

FIRST Information Disclosure Statement
Application No. 10/815,562
Attorney's Docket No. 034123-096
Page 2

To assist the Examiner, the document is / documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date March 30, 2005
By: 
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Registration No. 40,900

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**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2 APR 01 2005

Complete if Known

Application Number	10/815,562
Filing Date	March 31, 2004
First Named Inventor	Mohamed Zaiou et al.
Examiner Name	
Attorney Docket Number	034123-096

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Benincasa et al., "In vitro and in vivo antimicrobial activity of two alpha-helical cathelicidin peptides and of their synthetic analogs," <i>Peptides</i> , Vol. 24, No. 11, pp. 1723-1731, November 2003
	Gallo et al., "Identification of CRAMP, a cathelin-related antimicrobial peptide expressed in the embryonic and adult mouse," <i>J. Biol. Chem.</i> , Vol. 272, No. 20, pp. 13088-93, May 16, 1997
	Gennaro et al., "Pro-rich antimicrobial peptides from animals: structure, biological functions and mechanism of action," <i>Curr. Pharm. Des.</i> Vol. 8, No. 9, pp. 763-78, 2002
	Gennaro et al., "Structural features and biological activities of the cathelicidin-derived antimicrobial peptides," <i>Biopolymers</i> , Vol. 55, No. 1, pp. 31-49, 2000
	Gennaro et al., "Biological characterization of a novel mammalian antimicrobial peptide," <i>Biochim Biophys Acta</i> , Vol. 1425, No. 2, pp. 361-8, October 23, 1998
	Ha et al., "Synthesis and Antibiotic Activities of CRAMP, a Cathelin-related Antimicrobial Peptide and Its Fragments," <i>Bull. Korean Chem. Soc.</i> , Vol. 20, No. 9, pp.1073-1077, 1999

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APR 01 2005

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	2	of	2	Complete if Known
				Application Number 10/815,562
				Filing Date March 31, 2004
				First Named Inventor Mohamed Zaiou et al.
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Howell et al., "Selective Killing of Vaccinia Virus by LL-37: Implications for Eczema Vaccinatum," J. of Immunol., Vol 172, pp. 1763-1767, 2004
	Ong et al., "Endogenous Antimicrobial Peptides And Skin Infections In Atopic Dermatitis," N Engl. J. Med., Vol 347, No. 15, pp. 1151-1160, October 10, 2002
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	Zaiou et al., "Antimicrobial and Protease Inhibitory Functions of the Human Cathelicidin (hCAP18/LL-37) Prosequence," J. of Invest. Derm., Vol. 120, No. 5, pp. 810-816, May 2003
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	Zanetti et al., "Structure and biology of cathelicidins," Adv. Exp. Med. Biol., Vol. 479, pp. 203-218, 2000
	Zanetti et al., "The cathelicidin family of antimicrobial peptide precursors: a component of the oxygen-independent defense mechanisms of neutrophils," Ann. N. Y. Acad. Sci., Vol. 832, pp. 147-62, December 15, 1997

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